

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
2000_1307SERIAL NO.
09/667,525LIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)APPLICANT
Mitsuaki OSHIMA et al.

Date Submitted to PTO: July 5, 2005

FILING DATE
September 21, 2000GROUP
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA	3,824,548	7-16-74	Sullivan et al.	—	—	—
	AB	4,303,939	12-1-81	Stephens et al.	—	—	—
	AC	4,303,941	12-1-81	Marti et al.	—	—	—
	AD	4,309,726	1-5-82	Tanaka et al.	—	—	—
	AE	4,581,639	4-8-86	Judge	—	—	—
	AF	4,769,819	9-6-88	Matsutani et al.	—	—	—
	AG	4,794,447	12-27-88	Tsinberg	—	—	—
	AH	4,800,426	1-24-89	Glenn	—	—	—
	AI	4,817,192	3-28-89	Phillips et al.	—	—	—
	AJ	5,007,088	4-9-91	Ooi et al.	—	—	—
DA	AK	5,134,464	7-28-92	Basile et al.	—	—	—
	AL						
	AM						
	AN						
	AO						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
DA	AP	3-48587	3-1-91	Japan			abstract

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DA	AQ	Masafumi SAITO et al., "Bit Error Rate Characteristics of OFDM in Multipath Environment", 1991					
DA	AR	Ryutaro OHMOTO et al., " $\pi/4$ -shift QPSK Subcarrier Transmission", 1991					

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DA	AA	5,181,112	1-19-93	Citta et al.	—	—	—
	AB	5,377,051	12-27-94	Lane et al.	—	—	—
	AC	5,400,084	3-21-95	Scarpa	—	—	—
	AD	5,576,902	11-19-96	Lane et al.	—	—	—
	AE	5,218,622	6-8-93	Fazel et al.	—	—	—
	AF	5,802,241	9-1-98	Oshima	—	—	—
	AG	5,598,220	1-97	Citta et al.	—	—	—
DA	AH	5,214,656	5-25-93	Chung et al.	—	—	—
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ						
	AK						
	AL						
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

DA	AO	J. A. C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come", IEEE Communications Magazine, Vol. 28, May 1990, pages 5-8 and 11-14
DA	AP	B. Hirosaki, "An Orthogonally Multiplexed QAM System Using the Discrete Fourier Transform", IEEE Transactions on Communications, Vol. Com-29, No. 7, July 1981, pages 982-989
DA	AQ	L. J. Cimini, Jr., "Analysis and Simulation of a Digital Mobile Channel Using Orthogonal Frequency Division Multiplexing", IEEE Transactions on Communications, Vol. Com-33, No. 7, July 1985, pages 665-675 and Annex

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DATE CONSIDERED

08/03/05